

UEENEEK145A - Implement and monitor energy sector environmental and sustainable policies and procedures

KS01 - EK145A	Environmental and sustainable work practice - supervisory responsibilities
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Evidence shall show an understanding of environmentally sustainable work practice, supervisory responsibilities to an extent indicated by the following aspects:

T1 Environmentally sustainable work practice principles encompassing:

- Provisions of relevant environmental legislation
- Notion of sustainable work practice
- Effects of neglecting sustainable work practice
- The greenhouse effect - causes, consequences.
- International and national greenhouse imperatives.
- The role of regulators and similar bodies
- Economic benefits of sustainable initiatives.
- Techniques for reducing the use of carbon based energy sources and hence

greenhouse gas emissions

- domestic, commercial and industrial strategies
- trade related technologies and methods
- renewable energy technologies
- energy efficient retrofits

T2 Implementing and monitoring encompassing:

- Principles and practice of effective sustainable work practice management
- Workplace sustainable work practice non compliance, range and selection of control measures
 - Organisational systems and policies and procedures needed for legislative compliance
 - Impact of characteristics and composition of the workforce on sustainable work practice management
 - Relevance of sustainable work practice management to other organisational management policies, procedures and systems.
 - Analysis of entire work environment and judge sustainable work practice interventions
 - Analysis of relevant workplace data
 - Ability to assess resources needed for risk control.

This is the assignment for UEENEEK145A.

You will read and study this material : http://sustainability.unsw.edu.au/sites/all/files/news_file_attachments/UNSW_EMP_2016-18.pdf



Assignment weighting 100%

The Assignment

1. Read and study the UNSW Environmental Management Plan (EMP) shown in the link on the previous page. It's a long document, but also it's an interesting document centred around environmental policies and procedures.
2. As an **electrical manager for a site undergoing construction work** which you have previously managed, copy the main theme of the UNSW Environmental Management Plan (EMP) and detail how you will manage the site.
3. Take into account all the points on page 1, addressing each point clearly and in conjunction with your reading and understanding of the UNSW EMP.
4. The assignment, in Part 1, Part 2, Part 3 etc will all be typed neatly, indented and double spaced.
5. The assignment will be no less than 1700 words and written as if it were to be submitted to a Local Government Authority as part of the development consent.

Objective: To achieve best practice in waste management by implementing waste minimisation strategies and maximising resource recovery.

Targets	Strategies & programs	Sustainability indicators	Reported via	Program owner
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6. The assignment will contain tables like the above example headings and photographs and also contain a contents page which relates to each section.
7. Other useful links shown below.
8. This link to formatting and how to prepare an environmental sustainability report will be handy http://www.hp.com/canada/corporate/hp_info/environment/education/files/Sustainability_Reporting_Tool.pdf
9. This link to a TAFE Illawarra EMP may also be of interest https://www.tafeillawarra.edu.au/images/stories/PDF_docs/Sustainability/environmental%20sustainability%20report%202011%20illawarra%20tafe%20final.pdf
10. This report methodology from the National Association of Electrical Distributors will also be helpful. https://www.naed.org/NAEDDocs/Research/Energy%20and%20Sustainability/CorpSustainability_SamplePlan.pdf
11. Blank
12. This is a large project for students and work not complying with higher education standards, i.e., AQF 6.0 (TAFE Advanced Diploma) will be rejected and a resubmit given. After the first resubmit, a fail grade will be awarded and the student will need to pay an additional attempt fee to resit this unit.
13. Essentially your assignment will be a scaled down version of the UNSW EMP.
14. The marking rubric will be as shown on the last page of this document and is not exclusive of the content for the essential knowledge and skills as shown on page one of this document.

Greg Moore
 Head Teacher
 Electrotechnology, June 2018.

"BASIC" 5 paragraph expository essay

CATEGORY	4- Exceeds Standard	3- Meets Standard	2- Almost at Standard	1- Below Standard
Introductory paragraph	The introduction is inviting, states the main topic and previews the structure of the paper. Includes all necessary elements of an introductory paragraph.	The introduction clearly states the main topic and previews the structure of the paper, but is not particularly inviting to the reader. Includes all necessary elements of an introductory paragraph.	The introduction states the main topic, but does not adequately preview the structure of the paper nor is it particularly inviting to the reader. Does not include all the necessary elements of an introductory paragraph.	There is no clear introduction of the main topic or structure of the paper. Does not include all the necessary elements of an introductory paragraph.
Body paragraphs organization	Details are placed in a logical order and the way they are presented effectively keeps the interest of the reader. Supportive sentences clarify and explain the topic sentence	Details are placed in a logical order, but the way in which they are presented/introduced sometimes makes the writing less interesting. Supportive sentences clarify and explain the topic sentence	Some details are not in a logical or expected order, and this distracts the reader. Supportive sentences do not always clarify and explain the topic sentence	Many details are not in a logical or expected order. There is little sense that the writing is organized. Supportive sentences do not clarify and explain the topic sentence
Focus on Topic (Content)	There is one clear, well-focused topic. Main idea stands out and is supported by detailed information.	Main idea is clear but the supporting information is general.	Main idea is somewhat clear but there is a need for more supporting information.	The main idea is not clear. There is a seemingly random collection of information.
Conclusion (Organization)	The conclusion is strong and leaves the reader with a feeling that they understand what the writer is "getting at." Includes all the necessary elements of a closing paragraph	The conclusion is recognizable and ties up almost all the loose ends. Includes all the necessary elements of a closing paragraph	The conclusion is recognizable, but does not tie up several loose ends. Does not include all the necessary elements of a closing paragraph	There is no clear conclusion, the paper just ends. Does not include all the necessary elements of a closing paragraph
Grammar & Spelling (Conventions)	Consistently follows rules for spelling and correct use of grammar. Uses complete sentences and consistently indicates paragraphs.	Generally follows rules for spelling and correct use of grammar. Uses complete sentences generally and indicates paragraphs often.	Mostly does not follow rules of spelling and correct use of grammar. Mostly exhibits errors in sentence structure that impede communication. Generally does not indicate paragraphs	Does not follow rules for spelling and correct use of grammar. Uses sentence structure that makes it quite difficult to understand. Does not use paragraphing.